Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 10 Feb 2021 until 23:59 on Thursday 11 Feb 2021

Forecast Issued on Tuesday 09 Feb 2021 at 13:57

Confidence: High confidence in the continuation of very cold easterly airstream for the first couple of days however lower certainty about the progression of a milder southwesterly frontal system towards the end of the week.

Headline for Wednesday 10 Feb 2021: A few light snow showers but some long sunny intervals too, cold northeasterly winds.

Mountain weather hazards on Wednesday 10 Feb 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Light snow showers	Light snow showers	Light snow showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
20%	20%	20%	40%	40%	40%	10%	10%

Forecast for Wednesday 10 Feb 2021

Weather: Dry and clear overnight with a sharp frost and severe wind chill. A few snow flurries throughout the day but these should only give slight accumulations and be fairly short lived. Otherwise some bright or sunny periods throughout the day with bits and pieces of cloud around.

Chance of cloud free mountain/hill tops above 600m: 80% chance, a few patches of cloud below the summits at times especially in snow flurries.

Visibility: Very good visibility but dipping moderate or poor in snow showers.

Forecast for Wednesday 10 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/22 E	13/19 NE	11/18 NE	13/18 NE	14/19 NE	13/18 NE	10/15 NE	11/18 NE	11/18 E
300	7/20 NE	7/18 NE	7/18 NE	8/17 NE	11/20 NE	9/18 NE	5/15 NE	5/17 NE	6/18 E
Valley	7/19 NE	8/20 NE	7/17 NE	7/18 NE	9/19 NE	9/19 NE	5/13 NE	5/15 NE	6/14 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-6/-14	-6/-13	-6/-13	-6/-13	-5/-12	-5/-12	-6/-12	-7/-13	-7/-13
300	-4/-9	-4/-9	-4/-9	-4/-9	-2/-7	-2/-7	-5/-8	-6/-10	-6/-10
Valley	-2/-6	-2/-7	-3/-7	-2/-6	0/-4	0/-4	-2/-5	-3/-7	-3/-7
Freezing Level*	00m	00m	00m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill expected and frozen ground at all levels, it will be bitterly cold on the hill tops.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 09 Feb 2021	1.2mm	2.8mm	4.4mm

Forecast for Thursday 11 Feb 2021

Weather: A dry day with lots of winter sunshine. Still feeling very cold.

Maximum wind: Southeasterly 15mph with gusts 20-25mph

Chance of cloud free mountain/hill tops above 600m: 90% chance of cloud free tops with some good views, a few patches of cloud around the tops from time to time.

Visibility: Very good visibility.

Temperature: **Valleys:** Minus 3 rising to Plus 2 Celsius
At 600m: Around -6 Celsius.
Freezing level: Frozen ground at all levels